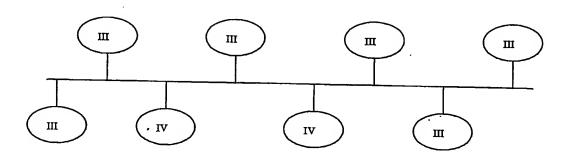


Fig. 1

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A)



B)

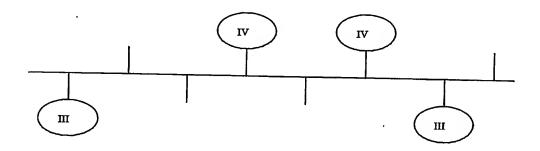


Fig. 2

Fig. 3

HO CI 
$$\rightarrow$$
 OH  $\rightarrow$  BF<sub>3</sub>, 3 d  $\rightarrow$  CI  $\rightarrow$  CI  $\rightarrow$  X = H, Br, CI  $\rightarrow$  85%

Fig. 4

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Fig. 5

Fig. 6

Fig. 7

A) 
$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \end{array}\end{array}\end{array}$$
  $\begin{array}{c} \begin{array}{c} \\ \\ \end{array}\end{array}$   $\begin{array}{c} \\ \end{array}$   $\begin{array}{c} \\\\ \end{array}$   $\begin{array}{c} \\\\ \end{array}$   $\begin{array}{c} \\\\ \end{array}$   $\begin{array}{c} \\\\ \end{array}$   $\begin{array}{c} \\\\\\\\\\\end{array}$   $\begin{array}{c} \\\\\\\\\\\end{array}$   $\begin{array}{c} \\\\\\\\\\\\\end{array}$   $\begin{array}{c} \\\\\\\\\\\\\end{array}$   $\begin{array}{c} \\\\\\\\\\\\\end{array}$   $\begin{array}{c} \\\\\\\\\\\\\\\end{array}$   $\begin{array}{c}\\\\\\\\\\\\\\\end{array}$   $\begin{array}{c}\\\\\\\\\\\\\\\\\end{array}$   $\begin{array}{c}\\\\\\\\\\\\\\\\\end{array}$   $\begin{array}{c}\\\\\\\\\\\\\\\\\\\end{array}$   $\begin{array}{c}\\\\\\$ 

Fig. 8